INDEX

Adams, N. A. & Kleiser, L. Subharmonic transition to turbulence in a flat-plate boundary layer at Mach number 4.5, 301–335

Andersson, H. I. *See* Bech & Andersson

Bau, H. H. *See* Yuen & Bau

Bech, K. H. & Andersson, H. I. Secondary flow in weakly rotating turbulent plane Couette flow, 195–214

Brocchini, M. & Peregrine, D. H. Internal flow properties of the swash zone and averaging, 241–273

Buch, K. A., Jr & Dahm, W. J. A. Experimental study of the fine-scale structure of conserved scalar mixing in turbulent shear flows. Part 1. $Sc \gg 1$, 21–71

Carnevale, G. F. *See* Verzicco, Orlandi, Eisenga, Heijst & Carnevale

Castro, I. P. *See* Chernyshenko & Castro

Catrakis, H. J. & Dimotakis, P. E. Mixing in turbulent jets: scalar measures and isosurface geometry, 369–406

Cheng, J.-Y. & DeMont, M. E. Hydrodynamics of scallop locomotion: unsteady fluid forces on clapping shells, 73–90

Chernyshenko, S. I. & Castro, I. P. High-Reynolds-number weakly stratified flow past an obstacle, 155–178

D'Asaro, E. A. *See* Winters & D'Asaro

Dahm, W. J. A. *See* Buch & Dahm

Daniels, P. G. & Weinstein, M. On finite-amplitude patterns of convection in a rectangular-planform container, 111–127

DeMont, M. E. *See* Cheng & DeMont

Dimotakis, P. E. *See* Catrakis & Dimotakis

Eisenga, A. H. M. *See* Verzicco, Orlandi, Eisenga, Heijst & Carnevale

Fox, M. J. H. *See* Longuet-Higgins & Fox

Heijst, G. J. F. van *See* Verzicco, Orlandi, Eisenga, Heijst & Carnevale

Itoh, N. Simple cases of the streamline-curvature instability in three-dimensional boundary layers, 129–154

Kleiser, L. *See* Adams & Kleiser

Lister, J. R. & Stone, H. A. Time-dependent viscous deformation of a drop in a rapidly rotating denser fluid, 275–299

Longuet-Higgins, M. S. & Fox, M. J. H. Asymptotic theory for the almost-highest solitary wave, 1–19

Orlandi, P. *See* Verzicco, Orlandi, Eisenga, Heijst & Carnevale

Peregrine, D. H. *See* Brocchini & Peregrine

Stone, H. A. *See* Lister & Stone

Verzicco, R., Orlandi, P., Eisenga, A. H. M., Heijst, G. J. F. van & Carnevale, G. F. Dynamics of a vortex ring in a rotating fluid, 215–239

Weinstein, M. *See* Daniels & Weinstein

Winters, K. B. & D'Asaro, E. A. Diascalar flux and the rate of fluid mixing, 179–193

Wu, X. On an active resonant triad of mixed modes in symmetric shear flows: a plane wake as a paradigm, 337–368

Yuen, P. K. & Bau, H. H. Rendering a subcritical Hopf bifurcation supercritical, 91–109